

Spare Parts Information

Spare Parts			
The spare part prices in this bulletin include packaging in accordance with the latest Navy Department specifications but do not include navy boxing. Addition for Navy Spare Parts Box is \$ 45. List for box only.			
Group Spares for a number of identical controllers per vessel are to be determined on the basis of the following recommended quantities:			
Part or tool as applicable to the Controller Equipment Furnished	Quantity furnished per vessel for Each Contract or Order		
Controllers and Master Switches	Number of Controller Equipment per Vessel for Each Contract or Order		
	1-5	6-20	21 or Over
Complete Set of Contacts.....	1	2	3
Complete Set of Springs.....	1	2	3
Complete Set of O.L. Heaters.....	1	2	3
Shunt Coils, Each Size—Type.....	1	2	3
Resistor Units, Each Size—Type.....	1	2	3
Control Circuit Transformers, Each Size and Type.....	1	2	3
Indicating Light Transformers, Each Size and Type.....	1	2	3
Condensers, Each Size and Type.....	1	2	3
Reactors, Each Size and Type.....	1	2	3

(Continued in next column)

Part or tool as applicable to the Controller Equipment Furnished	Quantity furnished per vessel for Each Contract or Order		
Brakes	Number of Controller Equipment per Vessel for Each Contract or Order		
	1-5	6-20	21 or Over
Rectifiers, Each Size and Type.....	1	2	3
Complete Set of Springs (Except Main Spring).....	1	2	3
Main Spring.....	1	1	1
Complete Sets of Lining and Rivets.....	1	2	3
Shunt Coils, Each Size and Type.....	1	2	3
Complete Set of Special Tools.....	1	1	1

Notes: The quantities of spare parts for "Stock Equipment" must be specified on the contract or order and may deviate from the above recommendations.
No Series coils, heater elements excepted, are to be furnished as spares.
No auto-transformers or starting reactors are to be furnished as spares.
When two or more identical elements of a pushbutton type master switch are furnished only one element need be supplied as a spare.

Packaging and Packing

The control prices in this bulletin include standard commercial packing only for either domestic or export shipment. These prices do not include packaging and packing in accordance with any applicable Navy Department Specifications. The spare parts prices in this bulletin include packaging in accordance with the latest Navy Department specifications but do not include Navy boxing.

A-c and D-c Brakes For Shipboard Service

Navy A Service

Bulletin
6902

Bulletin 503 — D-c Magnet Operated — Type NM																
Brake Size	Max. Torque Ratings Lbs. Ft. Shunt Wound		★ Brake With Standard Wheel	Add for Special Wheel	Omission of Wheel †	Vertical or Ceiling Mounting	Spray-tight Enclosing Case A	Drip-proof Enclosing Case O	Spare (Unboxed)—Includes Navy Packaging						Master Plan	Ship Plan
	Navy A		Δ Open Type						1 Set of Springs (Except Main Spring)	1 Main Spring	Lining and Rivets	Coil	Complete Set of Spares			
	Intermittent	Continuous														
8	80	60	\$ 605.	\$ 49.	\$ 82.	\$ 49.	\$ 280.	\$ 95.	\$ 5.45	\$ 5.45	\$ 10.90	\$ 82.	\$ 104.	\$ 213.	\$ 213.	
10	180	135	760.	58.	109.	49.	453.	155.	5.45	5.45	23.65	116.	151.	211.	211.	
14	470	360	1036.	75.	145.	49.	630.	265.	12.75	12.75	44.	142.	211.	211.	211.	
18	800	600	1338.	82.	220.	67.	622.	310.	12.75	12.75	63.	236.	315.	211.	211.	
21	1600	1200	2000.	98.	295.	87.	785.	390.	14.55	14.55	64.	305.	395.	211.	211.	

Bulletin 508 — A-c Torque Motor Operated — Type NTM — 550 Volts A-c Maximum																
Brake Size (Wheel Diam. In.)	Max. Torque in Lbs. Ft. at 60% Voltage		★ Brake With Standard Wheel Δ	Add for Special Wheel	Omission Price of Wheel †	Add for Vertical Mounting	Spray-Tight Enclosing Case A	Drip-Proof Enclosing Case D	Prices (Unboxed) Includes Navy Packaging							
	Cont.	Int.							One Set Spring	Main Spring	Lining and Rivets	Bearings and Grease Filings	Start-er Coils and Insulation	Complete Set of Spares	Master Plan	Ship Plan
10	125	180	\$ 1058.	\$ 62.	\$ 69.	\$ 102.	\$ 272.	\$ 92.	\$ 12.75	\$ 12.75	\$ 25.45	\$ 18.20	\$ 33.	\$ 102.	\$ 211.	\$ 213.
13	325	400	1518.	69.	128.	182.	450.	150.	14.55	14.55	45.	20.	42.	135.	212.	213.
16	600	600	2435.	85.	167.	209.	538.	210.	18.20	18.20	56.	31.	55.	178.	213.	213.
20	1200	1600	3513.	95.	334.	213.	790.	314.	36.	36.	66.	71.	71.	242.	213.	213.
25	2400	3200	5804.	107.	698.	278.	---	410.	48.	56.	82.	38.	138.	375.	213.	213.

Δ Price includes manual release.
 A Spray-tight enclosing case covering complete brake cannot be supplied for brake with manual release.
 † Do not use as selling price of separate wheel.
 * Dimensions of Standard Wheels are listed on page 2, Bulletin 6902.
 * Max. Torque at 60% Voltage.
 * This addition does not apply when brake is to be ceiling mounted. For drip proof, ceiling mounting, prices on application.

CUTLER-HAMMER, INC.



All prices F. O. B. Milwaukee — Discount Schedule 16 OD
MILWAUKEE 1, WISCONSIN

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